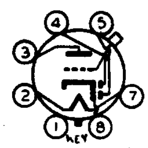
6T7-G

6T7-G

DUPLEX-DIODE HIGH-MU TRIODE

Heater ■	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.
Direct Interelectrode Capacitances:°		
Triode Unit:		
Grid to Plate	1.7	μμf
Grid to Cathode	1.8	μμf
Plate to Cathode	3.1	μμf
Overall Length		4-7/32" to 4-15/32"
Seated Height		3-21/32" to 3-29/32" ←
Maximum Diameter		1-9/16"
Bulb		ST-12
Cap		Skirted Miniature
Base		Small Shell Octal 7-Pin

Pin 1 - No Connection
Pin 2 - Heater
Pin 3 - Triode Plate
Pin 4 - Diode Plate #2



BOTTOM VIEW (G-7V)

Pin 5 - Diode Plate #1
Pin 7 - Heater
Pin 8 - Cathode
Cap - Triode Grid

Mounting Position: Any

TRIODE UNIT ←

Plate Voltage: 250 max. volts

Characteristics - Class A_1 Amplifier:

Plate Voltage	135	250	volts
Grid Voltage	-1.5	-3	volts
Amp. Factor	65	65	
Plate Res.	65000	62000	ohms
Transcond.	1000	1050	μmhos
Plate Cur.	0.9	1.2	ma.

Typical Operation - Resistance-Coupled Amplifier:
See RESISTANCE-COUPLED AMPLIFIER CHART.

DIODE UNITS - Two

Consideration of these units is given under Type 85. Circuits will be similar to those shown for Type 55 with fixed bias. Diode biasing of the triode unit of the 6T7-G is not suitable. Diode curves under Type 6B7 apply to the 6T7-G.

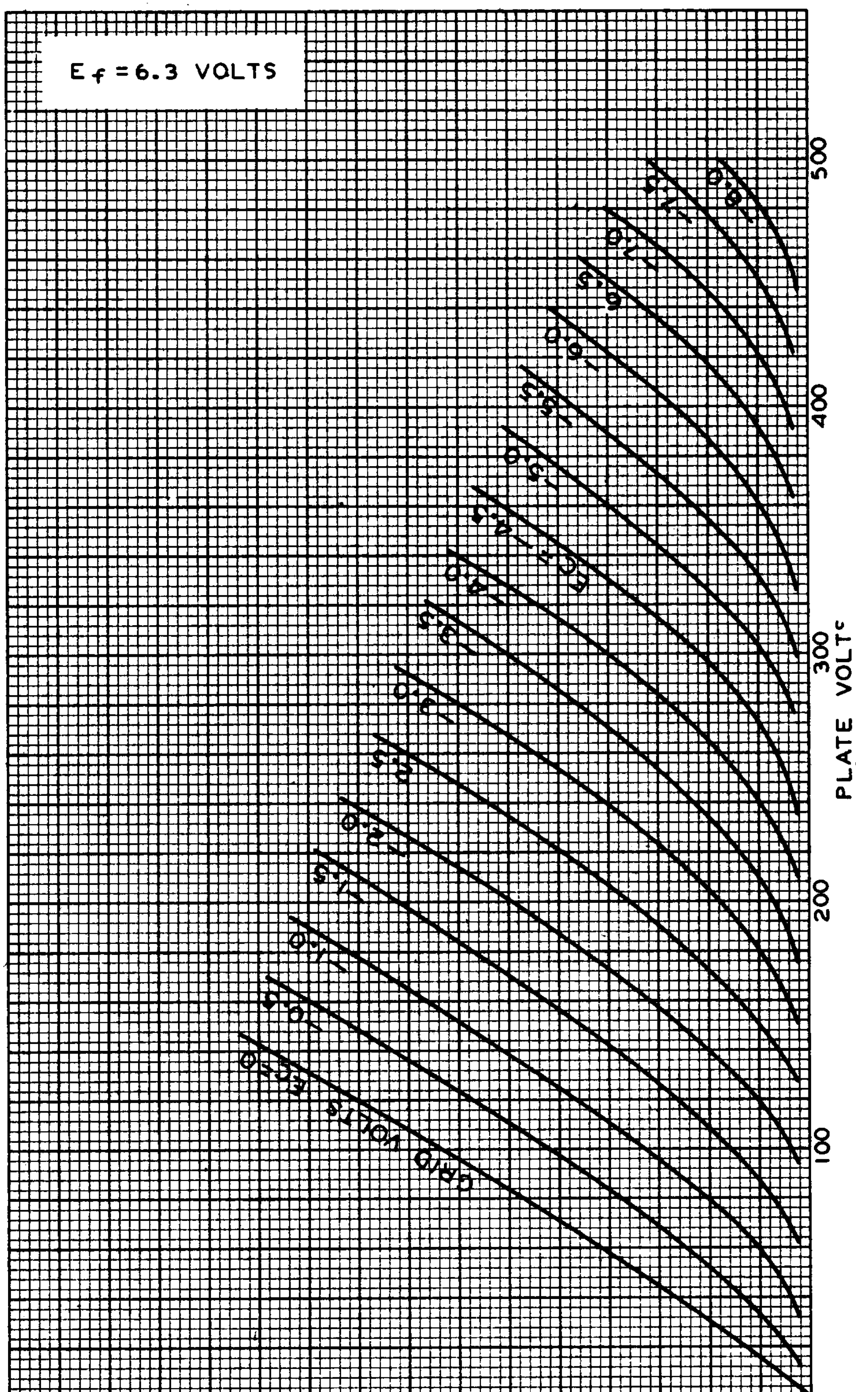
■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
° With close-fitting shield connected to cathode. Values are approximate.

← Indicates a change.

6T7-G

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AVERAGE PLATE CHARACTERISTICS



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